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Approved for use through 9/30/2001, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**NEW UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(only for new nonprovisional applications under  
37 CFR 1.53(b))*

Attorney Docket Number 22227-04647

First Named Inventor	Ted E. Dunning
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<i>Title</i>	Relationship Discovery Engine
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Express Mail Label No. EL482471353US

## APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification Total Pages 122  
*(preferred arrangement set forth below)*
- Descriptive Title of the Invention
  - Cross Reference(s) to Related Case(s)
  - Statement Regarding Fed sponsored R & D
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawing(s)
  - Detailed Description
  - Claim or Claims
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. *113*) Total Sheets 52
5. Oath or Declaration
- a. ☒ New Declaration Total Pages 1  
☐ Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
9. ☐ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449  
☐ Copies of IDS Citation(s)
13. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐ \_\_\_\_\_
16. ☐ \_\_\_\_\_
17. ☐ \_\_\_\_\_

ADDRESS TO:

**Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231**

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS



☐ *Customer Number and Bar Code Label*

00758

Name (Print/Type)	Amir H. Raubvogel	Registration No. (Attorney/Agent)	37,070
Signature		Date	April 30, 2001

22227/04647/DOCS/1168115.1

JUN 33 U.S. PTO  
09/846823  
04/30/01

jc985 U.S. PTO  
04/30/01

[illegible]

0002/PTO(modified) Rev. 10/2000	U.S. Department of Commerce Patent and Trademark Office	<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b>  <b>TOTAL AMOUNT OF PAYMENT</b> Subtotal (1) + Subtotal (2) + Subtotal (3) = <b>(\$ 1,128.00)</b>		Application Number	Not yet known
		Filing Date	April 30, 2001
		First Named Inventor	Ted E. Dunning
		Group Art Unit	Not yet known
		Examiner Name	Not yet known
		Attorney Docket Number	22227-04647

<b>METHOD OF PAYMENT</b>	<b>FEE CALCULATION (continued)</b>
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<p><b>1. The Commissioner is hereby authorized to:</b></p> <p><input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.</p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. <sup>†</sup></p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p> <p>Deposit Account Number: 19-2555 Deposit Account Name: FENWICK &amp; WEST LLP</p> <p><input checked="" type="checkbox"/> Duplicate Copy of this authorization is attached</p> <p><input checked="" type="checkbox"/> <b>Payment Enclosed:</b>  <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit Card    <input type="checkbox"/> Other</p>	<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>116/\$390</td><td>216/\$195</td><td>Extension for response within second month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>117/\$890</td><td>217/\$445</td><td>Extension for response within third month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>118/\$1,390</td><td>218/\$695</td><td>Extension for response within fourth month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>128/\$1,890</td><td>228/\$945</td><td>Extension for response within fifth month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>119/\$310</td><td>219/\$155</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,240</td><td>241/\$620</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,240</td><td>242/\$620</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$440</td><td>243/\$220</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>126/\$180</td><td>126/\$180</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>179/\$710</td><td>279/\$355</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146/\$710</td><td>246/\$355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$710</td><td>249/\$355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$ 0.00)</b></td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>	115/\$110	215/\$55	Extension for response within first month <sup>†</sup>	<input type="text"/>	116/\$390	216/\$195	Extension for response within second month <sup>†</sup>	<input type="text"/>	117/\$890	217/\$445	Extension for response within third month <sup>†</sup>	<input type="text"/>	118/\$1,390	218/\$695	Extension for response within fourth month <sup>†</sup>	<input type="text"/>	128/\$1,890	228/\$945	Extension for response within fifth month <sup>†</sup>	<input type="text"/>	119/\$310	219/\$155	Notice of Appeal	<input type="text"/>	141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	<input type="text"/>	142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	<input type="text"/>	143/\$440	243/\$220	Design Issue Fee	<input type="text"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>	126/\$180	126/\$180	Submission of Information Disclosure Statement	<input type="text"/>	179/\$710	279/\$355	Request for Continued Examination (RCE)	<input type="text"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	Other fee (specify):			<input type="text"/>	Other fee (specify):			<input type="text"/>	<b>SUBTOTAL (3)</b>			<b>(\$ 0.00)</b>
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**FEE CALCULATION (fees effective 10/01/2000)**

**4. FILING FEE**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Description	Fee Due
101/\$710	201/\$355	Utility Filing	<b>355</b>
106/\$320	206/\$160	Design Filing	<input type="text"/>
108/\$710	208/\$355	Reissue	<input type="text"/>
114/\$150	214/\$75	Provisional Filing	<input type="text"/>
<b>SUBTOTAL (1)</b>			<b>(\$ 355.00)</b>

**2. CLAIMS**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$80	202/\$40	Independent claims in excess of 3
104/\$270	204/\$135	Multiple dependent claim
109/\$80	209/\$40	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

(Col. 1)		(Col. 2)		(Col. 3)				
For	No. of Existing Claims	minus*	Highest No. Previously Paid For	=	Extra**	x	Fee	Fee Due
TOTAL	97	minus*	20 or 0	=	77	x	9	693
INDEP	5	minus*	3 or 0	=	2	x	40	80
[ ] First presentation of multiple dependent claim								

\* Subtract the greater number of Col. 2  
 \*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

**SUBTOTAL (2) (\$ 773)**

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Amir H. Raubvogel	Reg. Number	37,070
Signature		Date	April 30, 2001

22227/04647/DOCS/1168213.1